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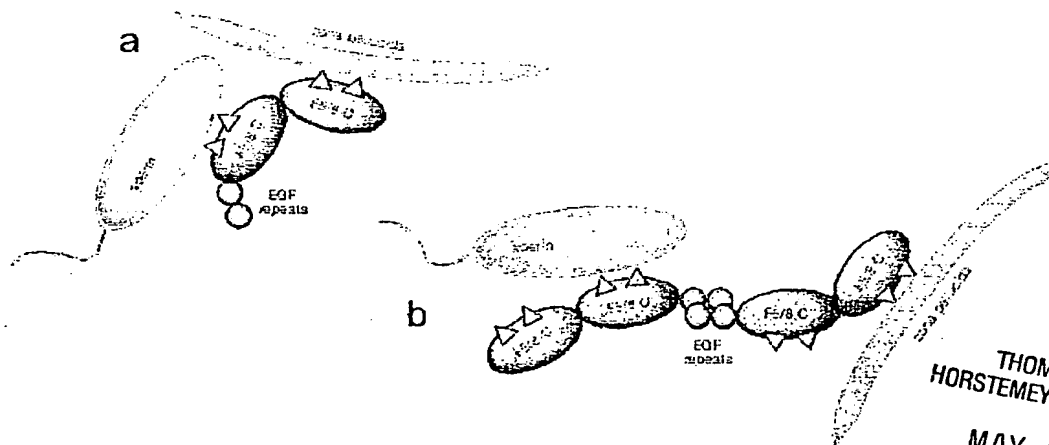
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- (71) Applicant (for all designated States except US): **EMORY UNIVERSITY** [US/US]; Office of Technology Transfer, 1784 North Decatur Road, Suite 130, First Floor, North Decatur Building, Atlanta, GA 30322 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SHUR, Barry, D.** [US/US]; 2014 N. Ponce de Leon Ave., Atlanta, GA 30307 (US). **ENSLIN, Michael** [DE/US]; 1652 N. Gatewood Rd., Apt.10, Atlanta, GA 30329 (US).
- (74) Agent: **VORNDRAN, Charles**; Thomas, Kayden, Horstemeier & Risley, LLP, 100 Galleria Parkway, N.W., Suite 1750, Atlanta, GA 30339-5948 (US).
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(54) Title: METHODS AND COMPOSITIONS FOR MODULATING GAMETE ADHESION



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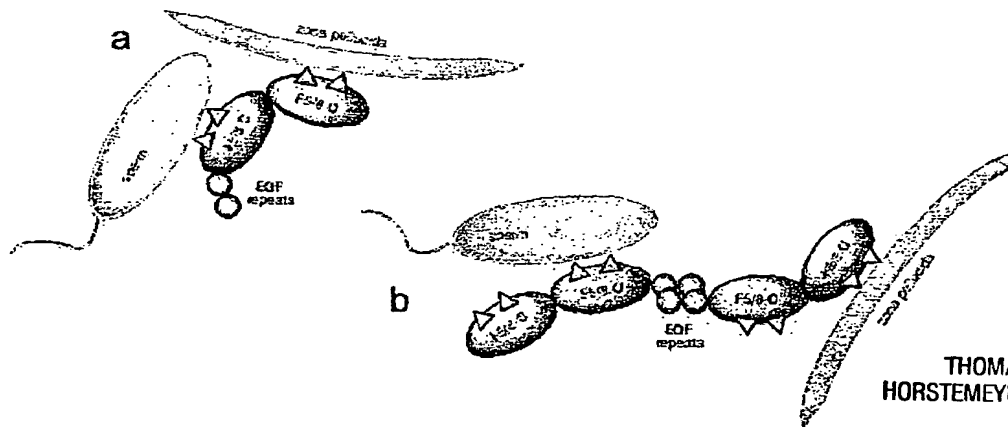
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THOMAS, KAYDEN
HORSTEMEYER & RISLEY, LLP.

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(57) Abstract: Methods and compositions for modulating mammalian gamete adhesion are provided. Representative modulators of gamete adhesion include, but are not limited to polypeptides comprising at least one discoidin/C domain, and optionally at least one EGF domain. A representative polypeptide includes, but is not limited to SED1 polypeptides (SEQ ID NO. 2-7), prodrugs, fragments, or derivatives thereof. Methods for identifying modulators of SED1-mediated gamete adhesion are also provided.



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